Sub Pi

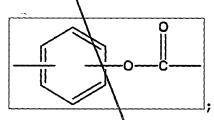
 \mathbb{R}^1 \mathbb{R}^1 \mathbb{R}^1 \mathbb{R}^1 \mathbb{R}^1 \mathbb{R}^1 \mathbb{R}^1 \mathbb{R}^1 \mathbb{R}^1

wherein n is 1 to 3

 R^1 is H or an alkyl group having 1 to 5

carbon atoms;

Ar is an aromatic group having the structure:



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Q is a linear or branched chain alkyl, alkyloxy,

alkylene, or alkyleneoxy, species having up to about 100 atoms in the chain, which may contain saturated or unsaturated cyclic or heterocyclic substituents pendant from the chain or as part of the chain and in which any heteroatom present may or may not be directly attached to Ar; or

present the presen

Q is a siloxane having the structure

 $-(CR_{2}^{1})_{e}-(SiR_{2}^{4}-O)_{f}-SiR_{2}^{4}-(CR_{2}^{1})_{g}-$

wherein:

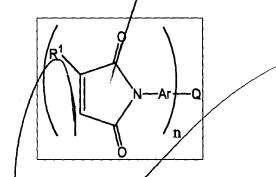
or spec

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the R¹ substituent independently for each position is H or alkyl having 1 to 5 carbon atoms,

the R substituent independently for each position is alkyl having 1 to 5 carbon atoms or aryl, e and g are independently 1 to 10 and f is 1-50.

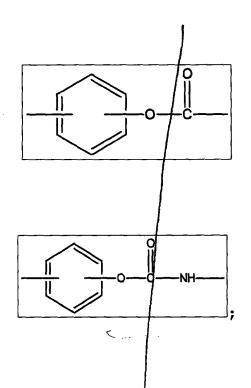
47. (New) A curable composition comprising a maleimide compound, and a curing initiator selected from the group consisting of a free-radical initiator, a photoinitiator, and a combination of those, the maleimide compound having the formula:



in which n is 1 to 6 and

(a) R¹ is H or an alkyl group having 1 to 5 carbon atoms;

(b) Ar is an aromatic group selected from the aromatic groups having the structures:



and

structure:

(c) Q is a linear or branched chain alkyl, alkyloxy, alkyl amine, alkyl sulfide, alkylene, alkyleneoxy, alkylene amine, alkylene sulfide, aryl, aryloxy, or aryl sulfide species having up to about 100 atoms in the chain, which may contain saturated or unsaturated cyclic or heterocyclic substituents pendant from the chain or as part of the chain and in which any heteroatom present may or may not be directly attached to Ar; or Q is a urethane having the

in which each R² independently is an alkyl, aryl, or arylalkyl group having 1 to 18 carbon atoms; R³ is an alkyl or alkyloxy chain having up to 100 atoms in the chain, which chain may contain aryl substituents; X is O, S, N, or P; and y is 0 to 50; or